

## Name of Special Session

From Good Science to Good Risk Management

## Chairs and/or Organizers

Dr. L.J. Seed, Health Canada, Lorraine

## Objective

The goal of this session is to illustrate how good science leads to good regulatory decisions, and the ultimate outcome of that process, the reduction of health and environmental risks associated with organohalogenes. Risk managers initially depend on scientific researchers to flag a need to address a specific environmental problem. Very basic to this determination is toxicological information, and environmental and human health monitoring and analysis to highlight exposure scenarios. Risk managers, then, depend on research to quantify the problem so that proportional action can be determined, to provide direction on how to address the problem, and also to highlight specific management measures and factors which should be taken into account to guide the management process. Fundamental parts of this determination include the fine-tuning of analytical techniques, epidemiological research, and information on chemical transformation and physical transport of these substances which enhance our predictive abilities in determining exposure. Research into environmental remediation techniques further expands the range of potential risk management choices.